

# ABSTRACT

A potentiometric sensor, especially a pH-sensor or redox-sensor, includes: an elementary sensor (3) for registering a potentiometric parameter, especially a pH-value or a redox potential; and an interface for issuing a potentiometric-parameter-dependent signal to a superordinated unit, especially a transmitter (8); wherein the potentiometric sensor of the invention has a digital data memory (6), which is permanently connected with elementary sensor.

(Fig. 1)